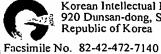
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rom the NTERNATIONAL SEARCHING AUTH	HORITY		
To: YOON, Jee Hong			PCT
Hannuri Bldg. 219 Naeja-dong, Chongno-gu, Seoul 110-053 Republic of Korea		WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY	
			(PCT Rule 43bis.1)
<u> </u>		Date of mailing (day/month/year) 23	3 NOVEMBER 2004 (23.11.2004)
Applicant's or agent's file reference	.,	FOR FURTHER AC	TION
FE241511		Se	ee paragraph 2 below
International application No. PCT/KR2004/002469	<u> </u>	2004 (24.09.2004)	Priority date(day/month/year) 30 SEPTEMBER 2003 (30.09.2003)
International Patent Classification (IPC)	or both national classific	eation and IPC	
IPC7 H04B 7/26			
Applicant			
UTStarcom Korea Limited et	al		•
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This opinion contains indications rel Box No. 1 Basis of the opinion		ans.	
Box No. II Priority	mion		
	nent of opinion with reg	ard to novelty, inventive:	step and industrial applicability
Box No. IV Lack of unity		•	
X Box No. V Reasoned state			elty, inventive step or industrial applicability;
Box No. VI Certain docum	-		
Box No. VII Certain defec	ts in the international ap	plication	
Box No. VIII Certain observ	rations on the internation	al application	
International Preliminary Examining other than this one to be the IPEA ar opinions of this International Search If this opinion is, as provided above,	Authority ("IPEA") exc and the chosen IPEA has a ing Authority will not be considered to be a writt e appropriate, with amen expiration of 22 months	cept that this does not app notified the International a e so considered. en opinion of the IPEA, t dments, before the expira	nsidered to be a written opinion of the ly where the applicant chooses an Authority Bureau under Rule 66.1 bis(b) that written the applicant is invited to submit to the stion of 3 months from the date of mailing hichever expires later.
3. For further details, see notes to Form	n PCT/ISA/220.		
L			

Name and mailing address of the ISA/KR



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NAM, Ki Young

Authorized officer

Telephone No. 82-42-481-5710

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/KR2004/002469

Bo	x No. I Basis of this opinion
1.	With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
	This opinion has been established on the basis of a translation from the original language into the following language, which is the language of a translation furnished for the purposes of international search (under
	Rules 12.3 and 23.1(b)).
2.	With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
	a. type of material
	a sequence listing
	table(s) related to the sequence listing
	b. format of material
	in wirtten format
	in computer readable form
	c. time of filing/furnishing
	contained in the international application as filed.
	filed together with the international application in computer readable form.
	furnished subsequently to this Authority for the purposes of search.
3.	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additioanl copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4.	Additional comments:

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/KR2004/002469

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

Novelty (N)	Claims 1 - 2	YES
	Claims none	NO
Inventive step (IS)	Claims none	YES
	Claims 1-2	NO
Industrial applicability (IA)	Claims 1 - 2	YES
	Claims none	NO

2. Citations and explanations:

Reference is made to the following documents.

D1: WO 01/61884 A1 (QUALCOMM INCORPORATED) 23 AUGUST 2001 D2: WO 01/37443 A1 (SAMSUNG ELECTRONICS CO., LTD.) 25 MAY 2001

1. Novelty (PCT Article 33(2))

This invention as defined in the claims is to a method of implementing different algorithms according to the service type to be provided through a CDMA-2000 system. That is, if the service type is a voice service, the conventional reverse-link power control algorithm that is used for an IS-95A or IS-95B CDMA system is employed at a Base Station Subsystem (BTS). However, if the service type is a data service, a target Energy per Bit/Noise Total (Eb/Nt) balue for each of a reverse fundamental channel and a reverse supplemental channel is determined based on the statuses of the frames received in the reverse channels.

This invention includes the step of selecting a service type-data service type or voice service type- to be provided.

But, D1 and D2 do not disclose this step above.

So this invention meets the criteria set out in PCT Article 33(2).

2. Inventive step (PCT Article 33(3))

D1 reveals a method for controlling the power of transmitting on a number of channels(e.g., two-fundamental and supplemental channel) to a particular remote terminal. For example, for the cdma2000 system, a fundamental channel may be assigned for voice and certain types of data, and one or more supplemental channels may be assigned for high-speed data.

D2 reveals a method of transmitting frames (power control bits) on at least two traffic channels, that is, a first traffic channel (fundamental channel for voice) frame and a second traffic channel (supplemental channel for high-speed data) frame to a receiver and the receiver reports a reception result back to the transmitter.

Neither of these citations individually discloses all of the features of the claims, when combined as would be obvious to a person skilled in the art, those citations disclose all of the features of the claims above.

3. Industrial applicability (PCT Article 33(4))

Claims 1 through 2 are considered to be industrially applicable.